

SCORE Search Results Details for Application 10570122 and Search Result 20080806_101534_us-10-570-122- 2.pctmtch89_.rapbm.

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Appendix A

OM protein - protein search, using sw model

Run on: August 6, 2008, 11:15:42 ; Search time 121 Seconds
(without alignments)
1250.125 Million cell updates/sec

Title: US-10-570-122-2
Perfect score: 836
Sequence: 1 MSIGLLKFQAVGHEUSRDE.....ILNHLGLTRMNIARNPTLC 163

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 4651641 seqs, 928007118 residues

Total number of hits satisfying chosen parameters: 8

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 88%
Maximum Match 100%
Listing first 45 summaries

Database: Published Applications AA_Main:
1: /ABSS/Data/CRF/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /ABSS/Data/CRF/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
3: /ABSS/Data/CRF/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
4: /ABSS/Data/CRF/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
5: /ABSS/Data/CRF/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
6: /ABSS/Data/CRF/ptodata/1/pubpaa/US11A_PUBCOMB.pep.*
7: /ABSS/Data/CRF/ptodata/1/pubpaa/US11B_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	836	100.0	163	5	US-10-572-598A-2	Sequence 2, Appli
2	836	100.0	163	5	US-10-570-122-2	Sequence 2, Appli
3	836	100.0	163	5	US-11-443-428A-743812	Sequence 743812,
4	836	100.0	169	5	US-10-570-122-3	Sequence 3, Appli
5	836	100.0	233	6	US-11-443-428A-743813	Sequence 743813,
6	794	95.0	837	5	US-10-450-763-31196	Sequence 31196, A
7	794	95.0	837	5	US-10-350-763-42492	Sequence 42492, A
8	794	95.0	837	5	US-10-276-8178-10289	Sequence 10289, A

ALIGNMENTS

RESULT 1
US-10-572-598A-2
; Sequence 2, Application US/10672598A
; Publication No. US20050106679A1

Appendix A

GENERAL INFORMATION:
 APPLICANT: POGAN, Richard Joseph
 APPLICANT: GUTTERIDGE, Alex
 APPLICANT: PHELPS, Christopher Benjamin
 APPLICANT: POWER, Christine
 TITLE OF INVENTION: LEPTIN PROTEINS
 FILE REFERENCE: 674562-2002
 CURRENT APPLICATION NUMBER: US/10/572,598A
 CURRENT FILING DATE: 2004-06-21
 PRIOR APPLICATION NUMBER: PCT/GB02/05685
 PRIOR FILING DATE: 2002-12-23
 PRIOR APPLICATION NUMBER: GB0110720.6
 PRIOR FILING DATE: 2001-12-21
 NUMBER OF SEQ ID NOS: 43
 SOFTWARE: SeqMan99, version 1.02
 SEQ ID NO 2
 LENGTH: 163
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-572-598A-2

Query Match 100.0%; Score 836; DB S; Length 163;
 Best Local Similarity 100.0%; Pred. No. 1.8e-74;
 Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MSIGLLKPGAVGDEDEDESGESLDSVKALTAKLQLQTRPSYLENTAQVQSQAWRRAGA 60
 |||
 Db 1 MSIGLLKPGAVGDEDEDESGESLDSVKALTAKLQLQTRPSYLENTAQVQSQAWRRAGA 60
 |||
 Qy 61 KPGPGGPGDTCGPDSDMSALEMLRRELREMOAODRLAQQLLELRAQLNRLKMDQACHLM 120
 |||
 Db 61 KPGPGGPGDTCGPDSDMSALEMLRRELREMOAODRLAQQLLELRAQLNRLKMDQACHLM 120
 |||
 Qy 121 QSLDEAELELELPGAGLALAPLLRHLGLTRMHSARPTLC 163
 |||
 Db 121 QSLDEAELELELPGAGLALAPLLRHLGLTRMHSARPTLC 163
 |||

RESULT 2

US-10-570-122-2
 Sequence 2, Application US/10570122
 Publication No. US20070104723A1
 GENERAL INFORMATION:
 APPLICANT: Applied Research Systems ARS Holding N.V.
 TITLE OF INVENTION: NEW TREATMENT AND/OR PREVENTION OF FIBROTIC DISEASE
 FILE REFERENCE: WO895
 CURRENT APPLICATION NUMBER: US/10/570,122
 CURRENT FILING DATE: 2006-02-28
 NUMBER OF SEQ ID NOS: 11
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 2
 LENGTH: 163
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-570-122-2

Query Match 100.0%; Score 836; DB S; Length 163;
 Best Local Similarity 100.0%; Pred. No. 1.8e-74;
 Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MSIGLLKPGAVGDEDEDESGESLDSVKALTAKLQLQTRPSYLENTAQVQSQAWRRAGA 60
 |||
 Db 1 MSIGLLKPGAVGDEDEDESGESLDSVKALTAKLQLQTRPSYLENTAQVQSQAWRRAGA 60
 |||
 Qy 61 KPGPGGPGDTCGPDSDMSALEMLRRELREMOAODRLAQQLLELRAQLNRLKMDQACHLM 120
 |||
 Db 61 KPGPGGPGDTCGPDSDMSALEMLRRELREMOAODRLAQQLLELRAQLNRLKMDQACHLM 120
 |||
 Qy 121 QSLDEAELELELPGAGLALAPLLRHLGLTRMHSARPTLC 163
 |||
 Db 121 QSLDEAELELELPGAGLALAPLLRHLGLTRMHSARPTLC 163
 |||

RESULT 3

US-11-443-428A-743812
 Sequence 743812, Application US/11443428A
 Publication No. US20070063334A1
 GENERAL INFORMATION:
 APPLICANT: Mintz, Liat
 APPLICANT: Xie, Nanqing
 APPLICANT: Dabari, Ovir
 APPLICANT: Levanon, Erez
 APPLICANT: Freilich, Shir
 APPLICANT: Seck, Nili
 APPLICANT: Zhu, Wei-Yong
 APPLICANT: Wasserman, Alon
 APPLICANT: Hexemesh, Chen
 APPLICANT: Asar, Idit
 APPLICANT: Bernstein, Jeanne
 TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
 FILE REFERENCE: 02/23929

; CURRENT APPLICATION NUMBER: US/11/443,428A
 ; CURRENT FILING DATE: 2006-05-31
 ; NUMBER OF SEQ ID NOS: 1034312
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 743212
 ; LENGTH: 163
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-11-443-428A-743212

Appendix A

Query Match 100.0%; Score 836; DB 6; Length 163;
 Best Local Similarity 100.0%; Pred. No. 1.8e-74;
 Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 MSIGLLKPAVGGEDEDESGESLDSVKALTAKLQLOTRPSPYLENTAQVQSAWRRQA 60
 DB 1 MSIGLLKPAVGGEDEDESGESLDSVKALTAKLQLOTRPSPYLENTAQVQSAWRRQA 60
 Cy 61 KPGPGGPGDCCGDSMSDALEWLRRLREKQAQDRQACQLLRLRAQLRLKMDQACHLN 120
 DB 61 KPGPGGPGDCCGDSMSDALEWLRRLREKQAQDRQACQLLRLRAQLRLKMDQACHLN 120
 Cy 121 QELLDEARLRLEPGAGLALAPLLHLGLTRNMSARRFTLC 163
 DB 121 QELLDEARLRLEPGAGLALAPLLHLGLTRNMSARRFTLC 163

RESULT 4

US-10-570-122-3
 ; Sequence 3, Application US/10570122
 ; Publication No. US20070104723A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Applied Research Systems APS Holding N.V.
 ; TITLE OF INVENTION: NEW TREATMENT AND/OR PREVENTION OF FIBROTIC DISEASE
 ; FILE REFERENCE: WO095
 ; CURRENT APPLICATION NUMBER: US/10/570,122
 ; CURRENT FILING DATE: 2006-02-28
 ; NUMBER OF SEQ ID NOS: 11
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 3
 ; LENGTH: 169
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-570-122-3

Query Match 100.0%; Score 836; DB 5; Length 169;
 Best Local Similarity 100.0%; Pred. No. 1.9e-74;
 Matches 163; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 MSIGLLKPAVGGEDEDESGESLDSVKALTAKLQLOTRPSPYLENTAQVQSAWRRQA 60
 DB 1 MSIGLLKPAVGGEDEDESGESLDSVKALTAKLQLOTRPSPYLENTAQVQSAWRRQA 60
 Cy 61 KPGPGGPGDCCGDSMSDALEWLRRLREKQAQDRQACQLLRLRAQLRLKMDQACHLN 120
 DB 61 KPGPGGPGDCCGDSMSDALEWLRRLREKQAQDRQACQLLRLRAQLRLKMDQACHLN 120
 Cy 121 QELLDEARLRLEPGAGLALAPLLHLGLTRNMSARRFTLC 163
 DB 121 QELLDEARLRLEPGAGLALAPLLHLGLTRNMSARRFTLC 163

RESULT 5

US-11-443-428A-743213
 ; Sequence 743213, Application US/11443428A
 ; Publication No. US20070083334A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mintz, Lisa
 ; APPLICANT: Xie, Hongling
 ; APPLICANT: Dahari, David
 ; APPLICANT: Levanon, Erez
 ; APPLICANT: Yemlich, Shiri
 ; APPLICANT: Beck, Nili
 ; APPLICANT: Zhu, Wei-Yong
 ; APPLICANT: Wasserman, Alon
 ; APPLICANT: Hermesh, Chen
 ; APPLICANT: Azar, Idit
 ; APPLICANT: Bernstein, Jeanne
 ; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
 ; FILE REFERENCE: 02/71529
 ; CURRENT APPLICATION NUMBER: US/11/443,428A
 ; CURRENT FILING DATE: 2006-05-31
 ; NUMBER OF SEQ ID NOS: 1034312
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 743213
 ; LENGTH: 235
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-11-443-428A-743213

Query Match 100.0%; Score 836; DB 6; Length 235;